

PTO/SB/08A (08-00)

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|          |                       |             | 201 001105   | Application Number     | 10/021,661         |  |  |
|          |                       |             | SCLOSURE     | Filing Date            | Oct. 30, 2001      |  |  |
| STA      | TEMENT E              | 3Y <i>F</i> | APPLICANT    | First Named Inventor   | Thomas A. Wucherer |  |  |
|          |                       |             |              | Group Art Unit         | 2171               |  |  |
|          | (use as many sh       | ets a       | s necessary) | Examiner Name          | Unknown            |  |  |
| Sheet    | 1                     | of          | 5            | Attorney Docket Number | TRIRG-08851US0     |  |  |

|                      |              |                       |  | U.S. PATENT DOCL                                | JMENTS   |  |
|----------------------|--------------|-----------------------|--|---|--|--|
| Examiner<br>Initials | Cite<br>No.1 | U.S. Patent<br>Number | Document<br>Kind Code <sup>2</sup><br>(if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                      |              | 4,799,156             |  | Shavit et al.                                   | 01-17-1989   |  |
|                      |              | 4,870,576             |  | Tornetta  | 09-26-1989   |  |
|                      |              | 4,972,318             |  | Brown et al.                                    | 11-20-1990   |  |
|                      |              | 4,992,940             |  | Dworkin   | 02-12-1991   |  |
|                      | _            | 5,528,490             |  | Hill  | 06-18-1996   |  |
|                      |              | 5,666,493             |  | Wojcik et al.                                   | 09-09-1997   |  |
|                      |              | 5,694,551             |  | Doyle et al.                                    | 12-02-1997   |  |
|                      |              | 5,710,887             |  | Chelliah et al.                                 | 01-20-1998   |  |
|                      |              | 5,715,314             |  | Pavne et al.                                    | 02-03-1998   |  |
|                      |              | 5,742,931             |  | Spiegelhoff et al.                              | 04-21-1998   | RECEIVED   |
|                      |              | 5,754,850             |  | Janssen   | 05-19-1998   | ILCLIVED   |
|                      |              | 5,758,327             |  | Gardner et al.                                  | 05-26-1998   | - 007 4  |
|                      |              | 5.758.328             |  | Giovannoli                                      | 05-26-1998   | OCT 1 7 2002   |
|                      |              | 5.761.674             |  | Ito   | 06-02-1998   |  |
|                      |              | 5.765.142             |  | Allred et al.                                   | 06-09-1998   | Technology Center 2100   |
|                      |              | 5,768,142             |  | Jacobs  | 06-16-1998   | 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3   |
|                      |              | 5,842,178             |  | Giovannoli                                      | 11-24-1998   |  |
|                      |              | 5,847,971             |  | Ladner et al.                                   | 12-08-1998   |  |
|                      |              | 5,873,076             |  | Barr et al.                                     | 02-16-1999   |  |
|                      |              | 5,875,110             |  | Jacobs  | 02-23-1999   |  |

|                     |                          |        |                     | FOR                                  | EIGN PATENT DOCUMENT        | rs                           |  |    |
|---------------------|--------------------------|--------|---------------------|--------------------------------------|-----------------------------|------------------------------|--|----|
| _ ,                 |                          |        | Foreign Patent Doo  | cument                               | Name of Patentee or         | Date of Publication of       | Pages, Columns, Lines,                                   |    |
| Examiner<br>nitials | Cite<br>No. <sup>1</sup> | Office | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) | Applicant of Cited Document | Cited Document<br>MM-DD-YYYY | Where Relevant<br>Passages or Relevant<br>Figures Appear | T€ |
|                     |                          |        | WO 01 63449         | Α                                    | Empriva Inc.                | 08-30-2001                   |  |    |
|                     |                          |        | WO 01 67279         | Α                                    | Marnell Corrao Assoc.       | 09-13-2001                   |  |    |
|                     |                          |        | JP 07271569         | Α                                    | Hitachi Software            | 10-20-1995                   |  | Т  |
|                     |                          |        | WO 98 43155         | Α                                    | MCI Comm. Corp.             | 10-01-1998                   |  |    |
|                     |                          |        | EP 0 959 421        | Α                                    | Autodesk Inc.               | 11-24-1999                   |  |    |
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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Substitute for form 1449B/PTO **Application Number** 10/021,661 INFORMATION DISCLOSURE Filing Date Oct. 30, 2001 STATEMENT BY APPLICANT **First Named Inventor** Thomas A. Wucherer Group Art Unit 2171 (use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number of 5 2 TRIRG-08851US0

|                    |              | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS   | 1 |
|--------------------|--------------|---|---|
| Examiner Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |   |
|                    |              | http://www.fedcenter.com printed 5/22/2000  |   |
|                    | ļ            | http://www.rent.net printed 5/22/2000   | l |
|                    |              | http://www.apartments.com.printed 5/22/2000 RECEIVED  | Y |
|                    |              | http://www.apartments.com printed 5/22/2000   | ľ |
|                    |              | OCT 1 7 2002  |   |
|                    |              | http://www.us.buy.com printed 5/22/2000   | ٢ |
|                    |              | Technology Center 21  | Ν |
|                    |              | http://www.designmanager.com printed 3/6/2002   | Ĭ |
|                    |              | THOMAS A. WUCHERER, "An Architectural Design Program Computer Data Base"  | t |
|                    |              | December 1987   |   |
|                    |              | TOM FIELD, "Reengineering the Engineering Business", CIO Magazine Feb. 1, 1998  |   |
|                    |              | P. KRISTOFF, et al., "The Process Specification System for MMST", IEEE TRANSACTIONS   | t |
|                    |              | OF SEMICONDUCTOR MANUFACTURING, vol. 8, no. 3, Aug. 1995, pp. 262-271   | 1 |
|                    |              | J. MCGEE, et al., "The MMST Computer-Integrated Manufacturing System Framework", IEEE   | 1 |
|                    |              | TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING, vol. 7, no. 2, May 1994, pp.107-116  | ı |
|                    |              | T-K PENG, et al., "A Step Toward STEP-Compatible Engineering Data Management: The Data  Models of Product Structure And Engineering Changes", ROBOTICS AND COMPUTER INTEGRAT  |   |
|                    |              | MANUFACTURING, vol. 14, no. 2, April 1, 1998, pp. 89-109  |   |
|                    |              | HORI, et al., "OpenMES: Scalable Manufacturing Execution Framework Based On Distributed   |   |
|                    |              | Object Computing", SYSTEMS, MAN AND CYBERNETICS, 1999, IEEE SMC '99 Conf. Proceedings   | ĺ |
|                    |              | 1999 IEEE Int'l Conf., Tokyo, Japan, Oct. 12-15, 1999, pp. 398-403  |   |

| Examiner  |          | Date       |  |
|-----------|----------|------------|--|
| Signature | <u> </u> | Considered |  |

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Complete if Known Substitute for form 1449A/PTO Application Number 10/021,661 INFORMATION DISCLOSURE Oct. 30, 2001 Filing Date First Named Inventor STATEMENT BY APPLICANT Thomas A. Wucherer Group Art Unit 2171 (use as many sheets as necessary) Examiner Name <u>Unknown</u> Attorney Docket Number TRIRG-08851US0 of Sheet 3

|                      |              |                       |  | U.S. PATENT DOCU                                | JMENTS   |  |
|----------------------|--------------|-----------------------|--|---|--|--|
| Examiner<br>Initials | Cite<br>No.1 | U.S. Patent<br>Number | Document Kind Code <sup>2</sup> (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                      |              | 5,895,454             |  | Harrington                                      | 04-20-1999   |  |
|                      |              | 5,899,980             |  | Wilf et al.                                     | 05-04-1999   |  |
|                      |              | 5,903,877             |  | Berkowitz et al.                                | 05-11-1999   |  |
|                      |              | 5,926,798             |  | Carter  | 07-20-1999   |  |
|                      |              | 5,932,459             |  | Sittinger et al.                                | 08-03-1999   |  |
|                      |              | 5,946,665             |  | Suzuki et al.                                   | 08-31-1999   |  |
|                      |              | 5,950,173             |  | Perkowski                                       | 09-07-1999   |  |
|                      |              | 5,956,709             |  | Xue   | 09-21-1999   |  |
|                      |              | 5,970,472             |  | Allsop et al.                                   | 10-19-1999   |  |
|                      |              | 5,970,475             |  | Barnes et al.                                   | 10-19-1999   | RECEIVED   |
| ·                    |              | 5,974,395             |  | Bellini et al.                                  | 10-26-1999   | I LEOLIVED   |
|                      |              | 5,999,915             |  | Nahan et al.                                    | 12-07-1999   | OCT 1 7 2002   |
|                      |              | 6.002.855             |  | Ladner et al.                                   | 12-14-1999   | 001 1 7 2002   |
|                      |              | 6.009.413             |  | Webber et al.                                   | 12-28-1999   | Tooksolo   |
|                      |              | 6.014.644             |  | Erickson  | 01-11-2000   | Technology Center 2100   |
|                      |              | 6,026,376             |  | Kenney  | 02-15-2000   |  |
|                      |              | 6,047,290             |  | Kennedy et al.                                  | 04-04-2000   |  |
|                      |              | 6,064,982             |  | Puri  | 05-16-2000   |  |
|                      |              | 4,700,318             |  | Ockman  | 10-13-1987   |  |
|                      |              | 5,189,606             |  | Burns et al.                                    | 02-23-1993   |  |

|      | F  | oreign Patent Do    | cument  | Name of Patentee or                                  | Date of Publication of                           | Pages, Columns, Lines,                             | Т   |  |  |  |
|------|--|---------------------|---|--|--|--|---|--|--|--|
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| Application Number     | 10/021,661         |  |  |  |  |  |  |  |
| Filing Date            | Oct. 30, 2001      |  |  |  |  |  |  |  |
| First Named Inventor   | Thomas A. Wucherer |  |  |  |  |  |  |  |
| Group Art Unit         | 2171               |  |  |  |  |  |  |  |
| Examiner Name          | Unknown            |  |  |  |  |  |  |  |
| Attorney Docket Number | TRIRG-08851US0     |  |  |  |  |  |  |  |

| i                     |              |   | U.S. PATENT DOCI                                | JMENTS   |  |
|-----------------------|--------------|---|---|--|--|
| Examiner<br>Initials* | Cite<br>No.1 | U.S. Patent Document  Kind Code  (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |              | 5,303,144                                   | Kawashima et al.                                | 04-12-1994   |  |
|                       |              | 5,526,520                                   | Krause  | 06-11-1996   |  |
|                       |              | 5,655,118                                   | Heindel et al.                                  | 08-05-1997   |  |
|                       |              | 5,668,736                                   | Douglas et al.                                  | 09-16-1997   |  |
|                       |              | 5,689,705                                   | Fino et al.                                     | 11-18-1997   |  |
|                       |              | 5,755,072                                   | Lingafelter                                     | 05-26-1998   |  |
|                       |              | 5,761,674                                   | Ito   | 06-02-1998   |  |
|                       |              | 5,793,632                                   | Fad et al.                                      | 08-11-1998   |  |
|                       |              | 5,799,286                                   | Morgan et al.                                   | 08-25-1998   |  |
|                       |              | 5,799,318                                   | Cardinal et al.                                 | _08-25-1998  | D=0=0 /==  |
|                       |              | 5.815.829                                   | Zargar  | 09-29-1998   | RECEIVED   |
|                       |              | 5.826,252                                   | Wolters, Jr., et al.                            | 10-20-1998   |  |
|                       |              | 5.893.082                                   | McCormick                                       | 04-06-1999   | OCT 1.7 2002   |
|                       |              | 5.924.094                                   | Sutter  | 07-13-1999   | 1 5005   |
|                       |              | 5.950.206                                   | Krause  | 09-07-1999   | Technology Contar 014  |
|                       |              | 5,970,490                                   | Morgenstern                                     | 10-19-1999   | Technology Center 210  |
|                       |              | 5,983,010                                   | Murdock et al.                                  | 11-09-1999   |  |
|                       | -            | 6,012,066                                   | Discount et al.                                 | 01-04-2000   |  |
|                       |              | 6,029,174                                   | Sprenger et al.                                 | 02-22-2000   |  |
|                       |              | 6,037,945                                   | Loveland  | 03-14-2000   |  |

|          | FOREIGN PATENT DOCUMENTS |                     |                     |   |                             |                              |  |         |  |  |  |
|----------|--------------------------|---------------------|---------------------|---|-----------------------------|------------------------------|--|---------|--|--|--|
| Examiner | Cite                     | F                   | oreign Patent Do    |   | Name of Patentee or         | Date of Publication of       | Pages, Columns, Lines,<br>Where Relevant | Γ       |  |  |  |
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| U.S. PATENT DOCUMENTS |              |                       |  |   |  |  |  |
|-----------------------|--------------|-----------------------|--|---|--|--|--|
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|                       |              | 6,038,547             |  | Casto   | 03-14-2000   |  |  |
|                       |              | 5,931,907             |  | Davies et al.                                   | 08-03-1999   |  |  |
|                       |              | 5,991,535             |  | Fowlow et al.                                   | 11-23-1999   |  |  |
|                       |              | 6,363,362             | B1   | Burfield et al.                                 | 03-26-2002   |  |  |
|                       |              | 6,035,293             |  | Lantz et al.                                    | 03-07-2000   |  |  |
|                       |              |                       |  |   |  |  |  |
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/021,661 **Application Number** TRANSMITTAL Oct. 30, 2001 Filing Date **FORM** Thomas A. Wucherer **First Named Inventor** (to be used for all correspondence after initial filing) Group Art Unit 2171 Unknown **Examiner Name** TRIRG-08851US0 Attorney Docket Number Total Number of Pages in This Submission **ENCLOSURES** (check all that apply) Assignment Papers (for an Application) After Allowance Communication Fee Transmittal Form Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Licensing-related Papers Appeal Communication to Group Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request identify below): Copies of References RECEIVED Terminal Disclaimer **Express Abandonment Request** Request for Refund Information Disclosure Statement OCT 1 7 2002 CD, Number of CD(s) Certified Copy of Priority Technology Center 2100 Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Larry E. Vierra, Esq., Vierra Magen Marcus Harmon & DeNiro LLP Individual name

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